

AMENDMENTS

Listing of Claims:

This following listing of claims replaces all prior listing or version thereof:

1-15. (Canceled)

16. (Presently amended) A method of making an antibody with an increased serum half life comprising:

identifying a first amino acid in an IgG Fc-hinge region that is suspected of being directly involved in FcRn binding;

identifying one or more second amino acids wherein each of said second amino acids is in the spatial region of said first amino acid, and wherein the side chain of said second amino acid is exposed to solvent in the native antibody;

making an antibody with a random amino acid substitution of one or more of said second amino acids to make a mutant antibody; and

identifying a mutant antibody having an increased serum half life.

17. (Previously presented) The method of claim 16, further comprising the step of isolating the identified mutant antibody.

18. (Original) The method of claim 17, wherein said first amino acid is amino acid number 253, 310, 435 or 436 of the Fc fragment.

19. (Original) The method of claim 16, wherein said second amino acid is amino acid number 252, 254, 256, 309, 311 or 315 in the CH2 domain or 433 or 434 in the CH3 domain.
20. (Original) The method of claim 16, wherein two or more of said second amino acids are mutated in a single mutant antibody.
- 21-33. (Canceled)